

FORM PTO-1449 U.S. Department of Commerce
(Rev. 4/92) Patent and Trademark Office

ATTY. DOCKET NO.
APV31958

SERIAL NO.
10/598,731

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

APPLICANT
Paul Alexander DE VRIES

FILING DATE
September 8, 2006

GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		1	9	3	8	1	0	1	12/33	A.E. Hall			
		3	2	1	1	5	4	7	10/65	N. Jarrett et al.			
		3	2	9	6	8	1	1	01/67	F.L. Stoller			
		3	3	0	3	0	1	9	02/67	S.C. Jacobs			
		3	3	0	8	6	6	6	03/67	A.R. Anderson et al.			
		3	6	7	1	2	2	9	06/72	M.E. Ferber et al.			
		3	8	3	9	0	1	9	10/74	Bruno et al.			
		3	8	4	0	3	6	4	10/74	Flemmings et al.			
		4	0	4	3	8	0	2	08/77	Esdaile et al.			
		4	0	5	0	6	8	3	09/77	Langhammer			
		4	0	9	9	9	6	5	07/78	Beguin et al.			
		4	1	3	3	5	1	7	01/79	Esdaile et al.			
		4	2	2	2	8	3	0	09/80	Dawless et al.			
		4	2	3	9	6	0	6	12/80	Dawless et al.			
		4	2	7	3	6	2	7	06/81	Dawless et al.			
		4	3	0	5	7	6	3	12/81	Quist et al.			
		4	4	1	1	7	4	7	10/83	Dawless et al.			
		4	4	5	6	4	8	0	06/84	Wintenberger			
		4	5	8	1	0	6	2	04/86	Boutin			
		4	7	3	6	3	1	4	04/88	Riese et al.			
		4	7	4	4	8	2	3	05/88	Raymond-Seraille			
		4	7	8	1	7	7	1	11/88	Masumoto et al.			
		5	1	6	0	5	3	2	11/92	Benz et al.			
		5	2	2	1	3	7	7	06/93	Hunt, Jr. et al.			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	DATE CONSIDERED	

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(Form PTO-1449 [6-4])

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		5	3	1	2	4	9	8	05/94	Anderson			
		5	9	6	8	2	2	3	10/99	Eckert			
		6	1	4	3	0	7	0	11/00	Bliss et al.			
		6	2	9	0	9	0	0	09/01	Hatano et al.			
		6	9	7	2	1	1	0	12/05	Chakrabarti et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
													YES	NO
		0	0	9	9	9	4	8	02/84	EP				
		0	3	7	5	3	0	8	06/90	EP				
		0	5	8	7	2	7	4	03/94	EP				
		0	8	2	9	5	5	2	03/98	EP				
		7	0	7	0	6	6	6	03/95	JP			X	
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	5	5	0	5	0	4	4	2	04/80	JP			X	
	5	7	1	5	2	4	3	5	09/82	JP			abstract only	
	5	8	1	0	4	1	3	2	06/83	JP			abstract only	
	5	9	0	2	8	5	3	8	02/84	JP			abstract only	
	6	0	2	3	4	9	3	0	11/85	JP			X	
		4	3	2	5	7	9	3	02/95	DE			Mach. Trans and Abstract	
		1	5	8	9	1	7	3	08/90	SU			abstract only	

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													YES	NO
		0	6	1	5	5	9	0	01/49	GB				
		1	3	5	2	5	6	7	05/74	GB				
		2	1	5	4	3	1	5	09/85	GB				
		2	1	0	5	0	8	4	02/98	RU			abstract only	
		1	5	9	4	1	5	4	06/70	FR				X
		0	2	5	8	2	8	3	07/88	DD			Mach. Trans of Abstract	
	0	2	0	5	2	0	5	3	07/02	WO				
	2005	0	9	5	6	5	8		10/05	WO				

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	US Published Patent Appln. No. 2001/0031823 A1, (Appln. No. 09/728,706), Atchetee et al., Filed December 1, 2000, Published October 18, 2001.
	US Published Patent Appln No. 2005/0039578 A1, (Appln. 10/491,278), De Vries, Filed October 2, 2002, Published February 24, 2005.
	US Published Patent Appln No. 2006/0162491 A1, (Appln. 10/516,889), De Vries et al., Filed June 27, 2003, Published July 27, 2006.
	US Published Patent Appln No. 2005/0178239 A1, (Appln. 10/516,888), De Vries et al., Filed June 27, 2003, Published August 18, 2005.
	US Published Patent Appln No. 2007/0272057 A1, (Appln. 10/577,354), De Vries et al., Filed November 10, 2004, Published November 29, 2007.
	US Published Patent Appln No. 2007/0023110 A1, (Appln. 11/492,226), July 25, 2006, Published February 1, 2007.
	US Published Patent Appln. No. 2004/0261572 A1, (Appln. No. 10/488,042), De Vries, Filed Aug. 30, 2002, Published December 30, 2004.
	Perry's Chemical Engineers' Handbook, 7 th ed., McGraw-Hill, 1997, pp. 18-5 to 18-13.
	US Published Patent Appln. No. 2002/0121319 A1, (Appln. No. 09/971,456), Chakrabarti et al., Filed October 4, 2001, Published September 5, 2002.

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